

Form PTO-1449
(Rev. 8-83)U.S. Department of Commerce
Patent and Trademark OfficeAttorney Docket No.
0756-1173

Serial No. 08/372,899

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicants: Masaaki HIROKI et al.

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Filing Date: 01/17/95

FEB 16 1995
Group Art Unit 2700

GROUP 2700

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
I-L	5,206,635	4/27/93	Inuzuka et al.	345	89	
I-L	5,854,879	12/29/98	Inuzuka et al.	345	89	
I-L	5,182,620	1/26/93	Shimada et al.	349	111	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation Yes No	
I-L	2-199498	8/7/90	JP			Abstract	
↓	3-288824	12/19/91	JP			Abstract	
↓	4-283729	10/8/92	JP			Full	
I-L	4-291240	10/15/92	JP			Full	

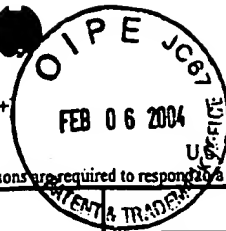
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner LAO, LUN-YZ

Date Considered 9/30/00.

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	08/372,899
		Filing Date	January 17, 1995
		First Named Inventor	Masaaki HIROKI et al.
		Group Art Unit	2673
		Examiner Name	L. Lao
Sheet 1 of 1	Attorney Docket Number	0756-1173	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
P-I		5,572,345		Yamazaki et al.	11/05/1996	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ²	Number ²	Kind Code ² (if known)				
P-I		JP	62-210422			09/16/1987		AB
P-I		JP	62-247330			10/28/1987		AB
P-I		JP	01-292315			11/24/1989		AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³

Examiner Signature	<i>L. Lao</i>	Date Considered	5/11/04
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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0756-819

07/993.391

APPLICANT
Masaaki HIROKI et al.

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FILING DATE
Dec. 18, 1992

GROUP Art Unit 2504

U.S. PATENT DOCUMENTS

1993

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0 3 4 9 4 1 5 03/01/90

EP

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IBM Technical Disclosure Bulletin, Vol. 33, No. 6B, November 1990, New York, pgs. 384-385, XP000108914, "Driving Method for TFT/LCD Grayscale"

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August 1990, CHUR CH pgs. 67-74, XP000162922, G.P. Montgomery et al. "Improving
Multiplexability of Polymer-Dispersed Liquid Crystal Films by Dual Frequency
Addressing"

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LAO, LUM - (2)

DATE CONSIDERED

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